

San Juan Area, Puerto Rico: Detailed Soil Map Legend

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Building Site Development

(The information in this report indicates the dominant soil condition but does not eliminate the need for onsite investigation)

Map symbol and soil name	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
	Limitation	Limitation	Limitation	Limitation	Limitation
AaB: Aceitunas-----	Moderately limited ~shrink-swell (moderately limited)	Moderately limited ~shrink-swell (moderately limited)	Moderately limited ~shrink-swell (moderately limited) ~slope (slightly limited)	Very limited ~low strength (very limited) ~shrink-swell (moderately limited)	Very limited ~too clayey (very limited) ~too acid (limited)
AaC: Aceitunas-----	Moderately limited ~shrink-swell (moderately limited) ~slope (moderately limited)	Moderately limited ~shrink-swell (moderately limited) ~slope (moderately limited)	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~low strength (very limited) ~shrink-swell (moderately limited) ~slope (slightly limited)	Very limited ~too clayey (very limited) ~too acid (limited) ~slope (slightly limited)
AbD: Aibonito-----	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~low strength (very limited) ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~too clayey (very limited) ~slope (very limited) ~too acid (limited)
AbE: Aibonito-----	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~low strength (very limited) ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~too clayey (very limited) ~too acid (limited)

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Map symbol and soil name	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
AmB: Almirante-----	Limitation Very limited ~shrink-swell (very limited)	Limitation Very limited ~shrink-swell (very limited)	Limitation Very limited ~shrink-swell (very limited) ~slope (slightly limited)	Limitation Very limited ~low strength (very limited) ~shrink-swell (very limited)	Limitation Very limited ~too clayey (very limited) ~too acid (limited)
AmC: Almirante-----	Very limited ~shrink-swell (very limited) ~slope (moderately limited)	Very limited ~shrink-swell (very limited) ~slope (moderately limited)	Very limited ~shrink-swell (very limited) ~slope (very limited)	Very limited ~low strength (very limited) ~shrink-swell (very limited) ~slope (slightly limited)	Very limited ~too clayey (very limited) ~too acid (limited) ~slope (slightly limited)
Ba: Bajura-----	Very limited ~shrink-swell (very limited) ~flooding (very limited) ~wetness (limited)	Very limited ~shrink-swell (very limited) ~flooding (very limited) ~wetness (very limited)	Very limited ~flooding (very limited) ~shrink-swell (very limited) ~wetness (limited)	Very limited ~low strength (very limited) ~shrink-swell (very limited) ~flooding (very limited)	Very limited ~flooding (very limited) ~too clayey (very limited) ~wetness (limited)
BmB: Bayamon-----	Very limited ~shrink-swell (very limited)	Very limited ~shrink-swell (very limited)	Very limited ~shrink-swell (very limited) ~slope (slightly limited)	Very limited ~low strength (very limited) ~shrink-swell (very limited)	Very limited ~too clayey (very limited) ~too acid (slightly limited)
CaE: Caguabo-----	Very limited ~hard bedrock <20" (very limited) ~slope (very limited)	Very limited ~hard bedrock <40" (very limited) ~slope (very limited)	Very limited ~hard bedrock <20" (very limited) ~slope (very limited)	Very limited ~hard bedrock <20" (very limited) ~slope (very limited)	Very limited ~slope (very limited) ~shallow to bedrock (very limited) ~droughty (very limited)

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Map symbol and soil name	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
	Limitation	Limitation	Limitation	Limitation	Limitation
CaF: Caguabo-----	Very limited ~hard bedrock <20" (very limited) ~slope (very limited)	Very limited ~hard bedrock <40" (very limited) ~slope (very limited)	Very limited ~hard bedrock <20" (very limited) ~slope (very limited)	Very limited ~hard bedrock <20" (very limited) ~slope (very limited)	Very limited ~slope (very limited) ~shallow to bedrock (very limited) ~droughty (very limited)
CbF: Caguabo-----	Very limited ~hard bedrock <20" (very limited) ~slope (very limited)	Very limited ~hard bedrock <40" (very limited) ~slope (very limited)	Very limited ~hard bedrock <20" (very limited) ~slope (very limited)	Very limited ~hard bedrock <20" (very limited) ~slope (very limited)	Very limited ~slope (very limited) ~shallow to bedrock (very limited) ~droughty (very limited)
Rock outcrop-----	Not rated	Not rated	Not rated	Not rated	Not rated
Ce: Candelero-----	Limited ~wetness (limited) ~slope (slightly limited)	Very limited ~wetness (very limited) ~slope (slightly limited)	Limited ~slope (limited) ~wetness (limited)	Limited ~wetness (limited) ~low strength (slightly limited)	Limited ~wetness (limited) ~too acid (limited)
Cayagua-----	Very limited ~slope (very limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited)	Very limited ~low strength (very limited) ~slope (very limited)	Very limited ~slope (very limited)

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Map symbol and soil name	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
ClC:	Limitation	Limitation	Limitation	Limitation	Limitation
Catalina-----	Moderately limited ~shrink-swell (moderately limited) ~slope (moderately limited)	Moderately limited ~shrink-swell (moderately limited) ~slope (moderately limited)	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~low strength (very limited) ~shrink-swell (moderately limited) ~slope (slightly limited)	Very limited ~too clayey (very limited) ~too acid (slightly limited) ~slope (slightly limited)
Cn:					
Catano-----	Not limited	Not limited	Not limited	Not limited	Moderately limited ~droughty (moderately limited)
Co:					
Cayagua-----	Limited ~wetness (limited) ~slope (moderately limited)	Very limited ~wetness (very limited) ~slope (moderately limited)	Very limited ~slope (very limited) ~wetness (limited)	Limited ~wetness (limited) ~slope (slightly limited)	Limited ~wetness (limited) ~too acid (slightly limited) ~slope (slightly limited)
CrD2:					
Colinas-----	Very limited ~slope (very limited)	Very limited ~slope (very limited) ~soft bedrock <40" (limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited) ~low strength (very limited)	Very limited ~slope (very limited) ~too clayey (moderately limited) ~depth to bedrock (moderately limited)
CrE2:					
Colinas-----	Very limited ~slope (very limited)	Very limited ~slope (very limited) ~soft bedrock <40" (limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited) ~low strength (very limited)	Very limited ~slope (very limited) ~too clayey (moderately limited) ~depth to bedrock (moderately limited)

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Map symbol and soil name	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
	Limitation	Limitation	Limitation	Limitation	Limitation
CrF2: Colinas-----	Very limited ~slope (very limited)	Very limited ~slope (very limited) ~soft bedrock <40" (limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited) ~low strength (very limited)	Very limited ~slope (very limited) ~too clayey (moderately limited) ~depth to bedrock (moderately limited)
Cs: Coloso-----	Very limited ~flooding (very limited) ~shrink-swell (moderately limited)	Very limited ~flooding (very limited) ~wetness (limited) ~shrink-swell (moderately limited)	Very limited ~flooding (very limited) ~shrink-swell (moderately limited)	Very limited ~low strength (very limited) ~flooding (very limited) ~shrink-swell (moderately limited)	Moderately limited ~too clayey (moderately limited) ~flooding (moderately limited)
CuE: Consumo-----	Very limited ~slope (very limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited)	Very limited ~low strength (very limited) ~slope (very limited)	Very limited ~slope (very limited) ~too clayey (very limited) ~too acid (moderately limited)
CuF: Consumo-----	Very limited ~slope (very limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited)	Very limited ~low strength (very limited) ~slope (very limited)	Very limited ~slope (very limited) ~too clayey (very limited) ~too acid (moderately limited)

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Map symbol and soil name	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
	Limitation	Limitation	Limitation	Limitation	Limitation
CzC: Corozal-----	Very limited ~wetness (very limited) ~shrink-swell (moderately limited) ~slope (moderately limited)	Very limited ~wetness (very limited) ~slope (moderately limited) ~shrink-swell (slightly limited)	Very limited ~wetness (very limited) ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~low strength (very limited) ~wetness (very limited) ~shrink-swell (moderately limited)	Very limited ~wetness (very limited) ~too clayey (very limited) ~too acid (moderately limited)
DaC: Daguey-----	Moderately limited ~shrink-swell (moderately limited) ~slope (slightly limited)	Moderately limited ~shrink-swell (moderately limited) ~slope (slightly limited)	Limited ~slope (limited) ~shrink-swell (moderately limited)	Very limited ~low strength (very limited) ~shrink-swell (moderately limited)	Very limited ~too clayey (very limited) ~too acid (slightly limited)
DaD: Daguey-----	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~low strength (very limited) ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~too clayey (very limited) ~slope (very limited) ~too acid (slightly limited)
DeF: Descalabrado-----	Very limited ~hard bedrock <20" (very limited) ~slope (very limited) ~shrink-swell (very limited)	Very limited ~hard bedrock <40" (very limited) ~slope (very limited) ~shrink-swell (very limited)	Very limited ~hard bedrock <20" (very limited) ~slope (very limited) ~shrink-swell (very limited)	Very limited ~hard bedrock <20" (very limited) ~slope (very limited) ~shrink-swell (very limited)	Very limited ~slope (very limited) ~shallow to bedrock (very limited) ~droughty (limited)

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Map symbol and soil name	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
DgF:	Limitation	Limitation	Limitation	Limitation	Limitation
Descalabrado-----	Very limited ~hard bedrock <20" (very limited) ~slope (very limited) ~shrink-swell (very limited)	Very limited ~hard bedrock <40" (very limited) ~slope (very limited) ~shrink-swell (very limited)	Very limited ~hard bedrock <20" (very limited) ~slope (very limited) ~shrink-swell (very limited)	Very limited ~hard bedrock <20" (very limited) ~slope (very limited) ~shrink-swell (very limited)	Very limited ~slope (very limited) ~shallow to bedrock (very limited) ~droughty (limited)
Rock outcrop-----	Not rated	Not rated	Not rated	Not rated	Not rated
Dm:					
Dique-----	Very limited ~flooding (very limited)	Very limited ~flooding (very limited)	Very limited ~flooding (very limited)	Very limited ~flooding (very limited) ~low strength (very limited)	Moderately limited ~flooding (moderately limited)
Dr:					
Durados-----	Not limited	Not limited	Not limited	Not limited	Not limited
Es:					
Estacion-----	Very limited ~flooding (very limited)	Very limited ~flooding (very limited)	Very limited ~flooding (very limited)	Very limited ~flooding (very limited)	Moderately limited ~flooding (moderately limited) ~too clayey (moderately limited) ~droughty (slightly limited)
GuF:					
Guayama-----	Very limited ~hard bedrock <20" (very limited) ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~hard bedrock <40" (very limited) ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~hard bedrock <20" (very limited) ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~hard bedrock <20" (very limited) ~slope (very limited) ~low strength (very limited)	Very limited ~slope (very limited) ~shallow to bedrock (very limited) ~droughty (limited)

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Map symbol and soil name	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
Hm: Humacao-----	Limitation Not limited	Limitation Not limited	Limitation Slightly limited ~slope (slightly limited)	Limitation Very limited ~low strength (very limited)	Limitation Not limited
HtE: Humatas-----	Very limited ~slope (very limited)	Very limited ~slope (very limited) ~shrink-swell (slightly limited)	Very limited ~slope (very limited)	Very limited ~low strength (very limited) ~slope (very limited)	Very limited ~slope (very limited) ~too clayey (very limited) ~too acid (slightly limited)
HtF: Humatas-----	Very limited ~slope (very limited)	Very limited ~slope (very limited) ~shrink-swell (slightly limited)	Very limited ~slope (very limited)	Very limited ~low strength (very limited) ~slope (very limited)	Very limited ~slope (very limited) ~too clayey (very limited) ~too acid (slightly limited)
HuF: Humatas-----	Very limited ~slope (very limited)	Very limited ~slope (very limited) ~shrink-swell (slightly limited)	Very limited ~slope (very limited)	Very limited ~low strength (very limited) ~slope (very limited)	Very limited ~slope (very limited) ~too clayey (very limited) ~too acid (slightly limited)
Rock outcrop-----	Not rated	Not rated	Not rated	Not rated	Not rated

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Map symbol and soil name	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
	Limitation	Limitation	Limitation	Limitation	Limitation
Hy: Hydraquents-----	Very limited ~wetness (very limited) ~flooding (very limited)	Very limited ~flooding (very limited) ~wetness (very limited)	Very limited ~flooding (very limited) ~wetness (very limited)	Very limited ~wetness (very limited) ~flooding (very limited)	Very limited ~wetness (very limited) ~excess salts (very limited) ~flooding (very limited)
JaE2: Jagueyes-----	Very limited ~slope (very limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited) ~too acid (limited)
JnD2: Juncal-----	Very limited ~shrink-swell (very limited) ~slope (limited)	Very limited ~shrink-swell (very limited) ~slope (limited)	Very limited ~shrink-swell (very limited) ~slope (very limited)	Very limited ~low strength (very limited) ~shrink-swell (very limited) ~slope (limited)	Very limited ~too clayey (very limited) ~slope (limited)
JuC: Juncos-----	Very limited ~shrink-swell (very limited) ~slope (moderately limited)	Very limited ~shrink-swell (very limited) ~slope (moderately limited)	Very limited ~shrink-swell (very limited) ~slope (very limited)	Very limited ~low strength (very limited) ~shrink-swell (very limited) ~slope (slightly limited)	Very limited ~too clayey (very limited) ~slope (slightly limited)

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Map symbol and soil name	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
	Limitation	Limitation	Limitation	Limitation	Limitation
JuD: Juncos-----	Very limited ~shrink-swell (very limited) ~slope (very limited)	Very limited ~shrink-swell (very limited) ~slope (very limited)	Very limited ~slope (very limited) ~shrink-swell (very limited)	Very limited ~low strength (very limited) ~shrink-swell (very limited) ~slope (very limited)	Very limited ~too clayey (very limited) ~slope (very limited)
LaB: Lares-----	Moderately limited ~shrink-swell (moderately limited)	Moderately limited ~shrink-swell (moderately limited)	Moderately limited ~shrink-swell (moderately limited) ~slope (slightly limited)	Very limited ~low strength (very limited) ~shrink-swell (moderately limited)	Very limited ~too clayey (very limited) ~too acid (slightly limited)
LaC2: Lares-----	Moderately limited ~shrink-swell (moderately limited) ~slope (moderately limited)	Moderately limited ~shrink-swell (moderately limited) ~slope (moderately limited)	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~low strength (very limited) ~shrink-swell (moderately limited) ~slope (slightly limited)	Very limited ~too clayey (very limited) ~too acid (slightly limited) ~slope (slightly limited)
LmE: Limones-----	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~shrink-swell (slightly limited)	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~low strength (very limited) ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~too clayey (very limited) ~too acid (limited)

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Map symbol and soil name	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
	Limitation	Limitation	Limitation	Limitation	Limitation
LmF: Limones-----	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~shrink-swell (slightly limited)	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~low strength (very limited) ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~too clayey (very limited) ~too acid (limited)
LoF2: Lirios-----	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~shrink-swell (slightly limited)	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~low strength (very limited) ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~too clayey (moderately limited) ~too acid (slightly limited)
LsE: Los guineos-----	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~low strength (very limited) ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~too clayey (very limited) ~too acid (limited)
LsF: Los guineos-----	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~low strength (very limited) ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~too clayey (very limited) ~too acid (limited)

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Map symbol and soil name	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
-----	-----	-----	-----	-----	-----
MaA: Mabi-----	Limitation Very limited ~shrink-swell (very limited) ~wetness (slightly limited)	Limitation Very limited ~shrink-swell (very limited) ~wetness (very limited)	Limitation Very limited ~shrink-swell (very limited) ~wetness (slightly limited)	Limitation Very limited ~low strength (very limited) ~shrink-swell (very limited) ~wetness (slightly limited)	Limitation Very limited ~too clayey (very limited) ~wetness (slightly limited)
MaB: Mabi-----	Very limited ~shrink-swell (very limited) ~wetness (slightly limited)	Very limited ~shrink-swell (very limited) ~wetness (very limited)	Very limited ~shrink-swell (very limited) ~slope (slightly limited) ~wetness (slightly limited)	Very limited ~low strength (very limited) ~shrink-swell (very limited) ~wetness (slightly limited)	Very limited ~too clayey (very limited) ~wetness (slightly limited)
MaC: Mabi-----	Very limited ~shrink-swell (very limited) ~slope (moderately limited) ~wetness (slightly limited)	Very limited ~shrink-swell (very limited) ~wetness (very limited) ~slope (moderately limited)	Very limited ~shrink-swell (very limited) ~slope (very limited) ~wetness (slightly limited)	Very limited ~low strength (very limited) ~shrink-swell (very limited) ~wetness (slightly limited)	Very limited ~too clayey (very limited) ~wetness (slightly limited) ~slope (slightly limited)
Md: Made land-----	Not rated	Not rated	Not rated	Not rated	Not rated
MlF: Malaya-----	Very limited ~hard bedrock <20" (very limited) ~slope (very limited) ~shrink-swell (very limited)	Very limited ~hard bedrock <40" (very limited) ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~hard bedrock <20" (very limited) ~slope (very limited) ~shrink-swell (very limited)	Very limited ~hard bedrock <20" (very limited) ~slope (very limited) ~shrink-swell (very limited)	Very limited ~slope (very limited) ~shallow to bedrock (very limited) ~droughty (limited)

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Map symbol and soil name	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
MoF:	Limitation	Limitation	Limitation	Limitation	Limitation
Maricao-----	Very limited ~slope (very limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited)	Very limited ~low strength (very limited) ~slope (very limited)	Very limited ~slope (very limited) ~too clayey (very limited) ~too acid (limited)
Mp:					
Martin pena-----	Very limited ~wetness (very limited) ~flooding (very limited) ~shrink-swell (very limited)	Very limited ~flooding (very limited) ~wetness (very limited) ~shrink-swell (very limited)	Very limited ~flooding (very limited) ~wetness (very limited) ~shrink-swell (very limited)	Very limited ~low strength (very limited) ~wetness (very limited) ~flooding (very limited)	Very limited ~wetness (very limited) ~flooding (very limited)
MsB:					
Matanzas-----	Very limited ~shrink-swell (very limited)	Very limited ~shrink-swell (very limited) ~depth to bedrock (limited)	Very limited ~shrink-swell (very limited) ~slope (slightly limited)	Very limited ~low strength (very limited) ~shrink-swell (very limited)	Very limited ~too clayey (very limited)
MtB:					
Monte grande-----	Very limited ~shrink-swell (very limited)	Very limited ~shrink-swell (very limited) ~wetness (limited)	Very limited ~shrink-swell (very limited) ~slope (slightly limited)	Very limited ~low strength (very limited) ~shrink-swell (very limited)	Very limited ~too clayey (very limited)
MtC:					
Monte grande-----	Very limited ~shrink-swell (very limited) ~slope (moderately limited)	Very limited ~shrink-swell (very limited) ~wetness (limited) ~slope (moderately limited)	Very limited ~shrink-swell (very limited) ~slope (very limited)	Very limited ~low strength (very limited) ~shrink-swell (very limited) ~slope (slightly limited)	Very limited ~too clayey (very limited) ~slope (slightly limited)

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Map symbol and soil name	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
	Limitation	Limitation	Limitation	Limitation	Limitation
MuF2: Morado-----	Very limited ~slope (very limited)	Very limited ~slope (very limited) ~soft bedrock <40" (moderately limited)	Very limited ~slope (very limited)	Very limited ~low strength (very limited) ~slope (very limited)	Very limited ~slope (very limited) ~too clayey (moderately limited) ~depth to bedrock (slightly limited)
MxD: Mucara-----	Very limited ~slope (very limited)	Very limited ~slope (very limited) ~soft bedrock <40" (limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited)	Very limited ~too clayey (very limited) ~slope (very limited) ~droughty (very limited)
MxE: Mucara-----	Very limited ~slope (very limited)	Very limited ~slope (very limited) ~soft bedrock <40" (limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited) ~too clayey (very limited) ~droughty (very limited)
MxF: Mucara-----	Very limited ~slope (very limited)	Very limited ~slope (very limited) ~soft bedrock <40" (limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited) ~too clayey (very limited) ~droughty (very limited)

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Map symbol and soil name	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
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NaD2:	Limitation	Limitation	Limitation	Limitation	Limitation
Naranjito-----	Very limited ~slope (very limited)	Very limited ~slope (very limited) ~soft bedrock <40" (slightly limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited) ~low strength (limited)	Very limited ~slope (very limited) ~too acid (limited) ~too clayey (moderately limited)
NaE2:					
Naranjito-----	Very limited ~slope (very limited)	Very limited ~slope (very limited) ~soft bedrock <40" (slightly limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited) ~low strength (limited)	Very limited ~slope (very limited) ~too acid (limited) ~too clayey (moderately limited)
NaF2:					
Naranjito-----	Very limited ~slope (very limited)	Very limited ~slope (very limited) ~soft bedrock <40" (slightly limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited) ~low strength (limited)	Very limited ~slope (very limited) ~too acid (limited) ~too clayey (moderately limited)
PaD:					
Pandura-----	Very limited ~slope (very limited) ~soft bedrock <20" (limited)	Very limited ~soft bedrock <20" (very limited) ~slope (very limited)	Very limited ~slope (very limited) ~soft bedrock <20" (limited)	Very limited ~slope (very limited) ~soft bedrock <20" (limited)	Very limited ~shallow to bedrock (very limited) ~slope (very limited) ~droughty (limited)

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Building Site Development--Continued

Map symbol and soil name	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
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PaE: Pandura-----	Limitation Very limited ~slope (very limited) ~soft bedrock <20" (limited)	Limitation Very limited ~soft bedrock <20" (very limited) ~slope (very limited)	Limitation Very limited ~slope (very limited) ~soft bedrock <20" (limited)	Limitation Very limited ~slope (very limited) ~soft bedrock <20" (limited)	Limitation Very limited ~slope (very limited) ~shallow to bedrock (very limited) ~droughty (limited)
PaF: Pandura-----	Very limited ~slope (very limited) ~soft bedrock <20" (limited)	Very limited ~soft bedrock <20" (very limited) ~slope (very limited)	Very limited ~slope (very limited) ~soft bedrock <20" (limited)	Very limited ~slope (very limited) ~soft bedrock <20" (limited)	Very limited ~slope (very limited) ~shallow to bedrock (very limited) ~droughty (limited)
PeF: Pellejas-----	Very limited ~slope (very limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited) ~too clayey (moderately limited) ~too acid (slightly limited)
Re: Reilly-----	Very limited ~flooding (very limited)	Very limited ~flooding (very limited) ~wetness (limited)	Very limited ~flooding (very limited)	Very limited ~flooding (very limited)	Very limited ~flooding (very limited) ~droughty (very limited)
RoB: Rio arriba-----	Very limited ~shrink-swell (very limited)	Very limited ~shrink-swell (very limited)	Very limited ~shrink-swell (very limited) ~slope (slightly limited)	Very limited ~low strength (very limited) ~shrink-swell (very limited)	Very limited ~too clayey (very limited)

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Building Site Development--Continued

Map symbol and soil name	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
	Limitation	Limitation	Limitation	Limitation	Limitation
RoC2: Rio arriba-----	Very limited ~shrink-swell (very limited) ~slope (moderately limited)	Very limited ~shrink-swell (very limited) ~slope (moderately limited)	Very limited ~shrink-swell (very limited) ~slope (very limited)	Very limited ~low strength (very limited) ~shrink-swell (very limited) ~slope (slightly limited)	Very limited ~too clayey (very limited) ~slope (slightly limited)
RpD2: Rio piedras-----	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~low strength (very limited) ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~too clayey (very limited) ~slope (very limited) ~too acid (limited)
RpE2: Rio piedras-----	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~low strength (very limited) ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~too clayey (very limited) ~too acid (limited)
RpF2: Rio piedras-----	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~low strength (very limited) ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~too clayey (very limited) ~too acid (limited)

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Building Site Development--Continued

Map symbol and soil name	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
	Limitation	Limitation	Limitation	Limitation	Limitation
SaF: Sabana-----	Very limited ~hard bedrock <20" (very limited) ~slope (very limited) ~shrink-swell (very limited)	Very limited ~hard bedrock <40" (very limited) ~slope (very limited) ~shrink-swell (very limited)	Very limited ~hard bedrock <20" (very limited) ~slope (very limited) ~shrink-swell (very limited)	Very limited ~low strength (very limited) ~hard bedrock <20" (very limited) ~slope (very limited)	Very limited ~slope (very limited) ~shallow to bedrock (very limited) ~too clayey (moderately limited)
ScB: Sabana seca-----	Very limited ~shrink-swell (very limited)	Very limited ~shrink-swell (very limited) ~wetness (very limited)	Very limited ~shrink-swell (very limited) ~slope (moderately limited)	Very limited ~low strength (very limited) ~shrink-swell (very limited)	Very limited ~too clayey (very limited) ~too acid (limited)
Sm: Saladar-----	Very limited ~wetness (very limited) ~flooding (very limited)	Very limited ~flooding (very limited) ~wetness (very limited)	Very limited ~flooding (very limited) ~wetness (very limited)	Very limited ~wetness (very limited) ~flooding (very limited)	Very limited ~wetness (very limited) ~flooding (very limited)
SoE: Soller-----	Very limited ~slope (very limited) ~depth to bedrock (moderately limited)	Very limited ~hard bedrock <40" (very limited) ~slope (very limited)	Very limited ~slope (very limited) ~depth to bedrock (moderately limited)	Very limited ~slope (very limited) ~depth to bedrock (moderately limited)	Very limited ~slope (very limited) ~droughty (very limited) ~too clayey (moderately limited)
SoF: Soller-----	Very limited ~slope (very limited) ~depth to bedrock (moderately limited)	Very limited ~hard bedrock <40" (very limited) ~slope (very limited)	Very limited ~slope (very limited) ~depth to bedrock (moderately limited)	Very limited ~slope (very limited) ~depth to bedrock (moderately limited)	Very limited ~slope (very limited) ~droughty (very limited) ~too clayey (moderately limited)

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Building Site Development--Continued

Map symbol and soil name	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
	Limitation	Limitation	Limitation	Limitation	Limitation
TaF: Tanama-----	Very limited ~hard bedrock <20" (very limited) ~slope (very limited) ~shrink-swell (very limited)	Very limited ~hard bedrock <40" (very limited) ~slope (very limited) ~shrink-swell (limited)	Very limited ~hard bedrock <20" (very limited) ~slope (very limited) ~shrink-swell (very limited)	Very limited ~low strength (very limited) ~hard bedrock <20" (very limited) ~slope (very limited)	Very limited ~slope (very limited) ~shallow to bedrock (very limited) ~too clayey (very limited)
Rock outcrop-----	Not rated	Not rated	Not rated	Not rated	Not rated
To: Toa-----	Very limited ~flooding (very limited) ~shrink-swell (moderately limited)	Very limited ~flooding (very limited) ~shrink-swell (moderately limited)	Very limited ~flooding (very limited) ~shrink-swell (moderately limited)	Very limited ~low strength (very limited) ~flooding (very limited) ~shrink-swell (moderately limited)	Moderately limited ~too clayey (moderately limited) ~flooding (moderately limited)
TrB: Torres-----	Not limited	Slightly limited ~shrink-swell (slightly limited)	Slightly limited ~slope (slightly limited)	Not limited	Moderately limited ~droughty (moderately limited) ~too acid (slightly limited)

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Building Site Development--Continued

Map symbol and soil name	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
	Limitation	Limitation	Limitation	Limitation	Limitation
Ts: Tropopsamments-----	Very limited ~flooding (very limited) ~wetness (limited)	Very limited ~flooding (very limited) ~wetness (very limited)	Very limited ~flooding (very limited) ~wetness (limited)	Very limited ~flooding (very limited) ~wetness (limited)	Very limited ~flooding (very limited) ~droughty (very limited) ~wetness (limited)
Ud: Urban land-----	Not rated	Not rated	Not rated	Not rated	Not rated
Durados-----	Not limited	Not limited	Not limited	Not limited	Not limited
Um: Urban land-----	Not rated	Not rated	Not rated	Not rated	Not rated
Mucara-----	Very limited ~slope (very limited)	Very limited ~slope (very limited) ~soft bedrock <40" (limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited)	Very limited ~slope (very limited) ~too clayey (very limited) ~droughty (very limited)
Us: Urban land-----	Not rated	Not rated	Not rated	Not rated	Not rated
Sabana seca-----	Very limited ~shrink-swell (very limited)	Very limited ~shrink-swell (very limited) ~wetness (very limited)	Very limited ~shrink-swell (very limited) ~slope (slightly limited)	Very limited ~low strength (very limited) ~shrink-swell (very limited)	Very limited ~too clayey (very limited) ~too acid (limited)
Uv: Urban land-----	Not rated	Not rated	Not rated	Not rated	Not rated

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Building Site Development--Continued

Map symbol and soil name	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
Vega alta-----	Limitation Moderately limited ~shrink-swell (moderately limited)	Limitation Moderately limited ~shrink-swell (moderately limited)	Limitation Moderately limited ~shrink-swell (moderately limited) ~slope (slightly limited)	Limitation Very limited ~low strength (very limited) ~shrink-swell (moderately limited)	Limitation Moderately limited ~too clayey (moderately limited) ~too acid (slightly limited)
VaB: Vega alta-----	Moderately limited ~shrink-swell (moderately limited)	Moderately limited ~shrink-swell (moderately limited)	Moderately limited ~shrink-swell (moderately limited) ~slope (slightly limited)	Very limited ~low strength (very limited) ~shrink-swell (moderately limited)	Moderately limited ~too clayey (moderately limited) ~too acid (slightly limited)
VaC2: Vega alta-----	Moderately limited ~shrink-swell (moderately limited) ~slope (moderately limited)	Moderately limited ~shrink-swell (moderately limited) ~slope (moderately limited)	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~low strength (very limited) ~shrink-swell (moderately limited) ~slope (slightly limited)	Moderately limited ~too clayey (moderately limited) ~too acid (slightly limited) ~slope (slightly limited)
Vg: Vega baja-----	Very limited ~flooding (very limited) ~shrink-swell (moderately limited) ~wetness (slightly limited)	Very limited ~flooding (very limited) ~wetness (very limited) ~shrink-swell (limited)	Very limited ~flooding (very limited) ~shrink-swell (moderately limited) ~wetness (slightly limited)	Very limited ~low strength (very limited) ~flooding (very limited) ~shrink-swell (moderately limited)	Very limited ~too clayey (very limited) ~flooding (moderately limited) ~wetness (slightly limited)
VkC2: Via-----	Moderately limited ~shrink-swell (moderately limited) ~slope (moderately limited)	Moderately limited ~slope (moderately limited) ~shrink-swell (slightly limited)	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~low strength (very limited) ~shrink-swell (moderately limited) ~slope (slightly limited)	Very limited ~too acid (very limited) ~too clayey (moderately limited) ~slope (slightly limited)

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Building Site Development--Continued

Map symbol and soil name	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
Vv: Vivi-----	Limitation Very limited ~flooding (very limited)	Limitation Very limited ~flooding (very limited)	Limitation Very limited ~flooding (very limited)	Limitation Very limited ~flooding (very limited)	Limitation Moderately limited ~flooding (moderately limited) ~too acid (slightly limited)
W: Water-----	Not rated	Not rated	Not rated	Not rated	Not rated
YeE: Yunes-----	Very limited ~slope (very limited) ~soft bedrock <20" (limited) ~shrink-swell (moderately limited)	Very limited ~soft bedrock <20" (very limited) ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~soft bedrock <20" (limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~soft bedrock <20" (limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~shallow to bedrock (very limited) ~droughty (very limited)
YeF: Yunes-----	Very limited ~slope (very limited) ~soft bedrock <20" (limited) ~shrink-swell (moderately limited)	Very limited ~soft bedrock <20" (very limited) ~slope (very limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~soft bedrock <20" (limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~soft bedrock <20" (limited) ~shrink-swell (moderately limited)	Very limited ~slope (very limited) ~shallow to bedrock (very limited) ~droughty (very limited)